1 **METHOD AND SYSTEM FOR IDENTIFYING MANUFACTURING ANOMALIES**

2 **IN A MANUFACTURING SYSTEM**

3 ABSTRACT OF THE INVENTION

4 A method and system for identifying manufacturing anomalies in a manufacturing

5 system comprising a plurality of products which are manufactured with a plurality of

6 manufacturing parameters is disclosed. The system comprises a data mining program applied

7 to the data warehouse for analyzing the stored manufacturing parameters to define a normal

8 manufacturing parameter subset. The data mining program is further for detecting that at

9 least one of the plurality of manufacturing parameters is excluded from the normal subset.

10 The system further comprises a reporting means for reporting the at least one detected

11 manufacturing parameter. The data mining program may further detect that a plurality of the

12 manufacturing parameters are excluded from the first subset. The data mining program then

13 analyzes the detected plurality of manufacturing parameters to define a second normal subset

14 of the detected plurality of manufacturing parameters. The reporting means may then report

15 the second normal subset of manufacturing parameters.